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<110> PATRYS PTY LIMITED
VOLLMERS, Philip

<120> HUMAN MONOCLONAL ANTIBODY HAVING FAT-REDUCING EFFECT

<130> 043043-0359294

<140> 10578856

<141> 2010-07-23

<150> PCT/DE2004/002503

<151> 2004-11-12

<150> DE 10 353 175.0

<151> 2003-11-14

<160> 4

<170> PatentIn version 3.3

<210> 1

<211> 96

<212> PRT

<213> Homo sapiens

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<221> misc_feature

<223> variable region of the light chain (VL) of antibody SAM-6

<400> 1

Ser	Tyr	Val	Leu	Thr	Gln	Pro	Pro	Ser	Val	Ser	Val	Ser	Pro	Gly
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Gln	Thr	Ala	Ser	Ile	Thr	Cys	Ser	Gly	Asp	Lys	Leu	Gly	Asp	Lys
			20					25						30

Tyr	Ala	Cys	Trp	Tyr	Gln	Gln	Lys	Pro	Gly	Gln	Ser	Pro	Val	Leu
			35					40						45

Val	Ile	Tyr	Gln	Asp	Ser	Lys	Arg	Pro	Ser	Gly	Ile	Pro	Glu	Arg
			50					55						60

Phe	Ser	Gly	Ser	Asn	Ser	Gly	Asn	Thr	Ala	Thr	Leu	Thr	Ile	Ser
			65					70						75

Gly	Thr	Gln	Ala	Met	Asp	Glu	Ala	Asp	Tyr	Tyr	Cys	Gln	Ala	Trp
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Asp Ser Ser Ile Val Val
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<211> 288

<212> DNA

<213> Homo sapiens

<220>

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<223> variable region of the light chain (VL) of antibody SAM-6

<400> 2

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Ser Tyr Val Leu Thr Gln Pro Pro Ser Val Ser Val Ser Pro Gly
1 5 10 15

cag aca gcc agc atc acc tgc tct gga gat aaa ttg ggg gat aaa 90
Gln Thr Ala Ser Ile Thr Cys Ser Gly Asp Lys Leu Gly Asp Lys
20 25 30

tat gct tgc tgg tat cag cag aag cca ggc cag tcc cct gtg ctg 135
Tyr Ala Cys Trp Tyr Gln Gln Lys Pro Gly Gln Ser Pro Val Leu
35 40 45

gtc atc tat caa gat agc aag cgg ccc tca ggg atc cct gag cga 180
Val Ile Tyr Gln Asp Ser Lys Arg Pro Ser Gly Ile Pro Glu Arg
50 55 60

ttc tct ggc tcc aac tct ggg aac aca gcc act ctg acc atc agc 225
Phe Ser Gly Ser Asn Ser Gly Asn Thr Ala Thr Leu Thr Ile Ser
65 70 75

ggg acc cag gct atg gat gag gct gac tat tac tgt cag gcg tgg 270
Gly Thr Gln Ala Met Asp Glu Ala Asp Tyr Tyr Cys Gln Ala Trp
80 85 90

gac agc agc att gtg gta 288
Asp Ser Ser Ile Val Val
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<212> PRT

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<220>
<221> misc_feature
<223> variable region of the heavy chain (VH) of antibody SAM-6

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1 5 10 15

Arg Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser
20 25 30

Ser Tyr Ala Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu
35 40 45

Glu Trp Val Ala Val Ile Ser Tyr Asp Gly Ser Asn Lys Tyr Tyr
50 55 60

Ala Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser
65 70 75

Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
80 85 90

Thr Ala Val Tyr Tyr Cys Ala Arg Asp Arg Leu Ala Val Ala Gly
95 100 105

Arg Pro Phe Asp Tyr
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<210> 4
<211> 330
<212> DNA
<213> Homo sapiens

<220>
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<223> variable region of the heavy chain (VH) of antibody SAM-6

<400> 4

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Gln Val Gln Leu Val Glu Ser Gly Gly Gly Val Val Gln Pro Gly
1 5 10 15

agg tcc ctg aga ctc tcc tgt gca gcc tct gga ttc acc ttc agt 90
Arg Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser
20 25 30

agc tat gct atg cac tgg gtc cgc cag gct cca ggc aag ggg ctg	135
Ser Tyr Ala Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu	
35 40 45	

gag tgg gtg gca gtt ata tca tat gat gga agc aat aaa tac tac	180
Glu Trp Val Ala Val Ile Ser Tyr Asp Gly Ser Asn Lys Tyr Tyr	
50 55 60	

gca gac tcc gtg aag ggc cga ttc acc atc tcc aga gac aat tcc	225
Ala Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser	
65 70 75	

aag aac acg ctg tat ctg caa atg aac agc ctg aga gct gag gac	270
Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp	
80 85 90	

acg gct gtg tat tac tgt gcg aga gat cgg tta gca gtg gct ggt	315
Thr Ala Val Tyr Tyr Cys Ala Arg Asp Arg Leu Ala Val Ala Gly	
95 100 105	

aga cct ttt gac tac	330
Arg Pro Phe Asp Tyr	
110	